

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/008175

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A23L1/035 A23L1/30 A23L2/38

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 08 614 A1 (AQUANOVA GETRAENKETECHNOLOGIE GMBH) 5 September 2002 (2002-09-05) column 1, paragraph 8 – column 2, paragraph 18 ----- US 2004/081670 A1 (BEHNAM DARIUSH) 29 April 2004 (2004-04-29) column 1, paragraph 8 – column 2, paragraph 18 ----- DE 103 06 177 A1 (AQUANOVA GERMAN SOLUBILISATE TECHNOLOGIES) 2 September 2004 (2004-09-02) page 1, paragraph 1 – paragraph 10 examples 1-5 ----- -/-	1,2, 5-21,24
X		1,2, 5-21,24
E,X		1,2, 5-21,24

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

31 March 2005

Date of mailing of the international search report

12/04/2005

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Information on patent family members

Intern	Application No
PCT/EP2004/008175	

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
DE 10108614	A1 05-09-2002	CA WO EP EP JP MX US	2436273 A1 02085328 A2 1377273 A2 1475083 A1 2004531530 T PA03007141 A 2004081670 A1	31-10-2002 31-10-2002 07-01-2004 10-11-2004 14-10-2004 18-11-2003 29-04-2004
US 2004081670	A1 29-04-2004	DE DE CA WO EP EP JP MX	10109708 A1 10108614 A1 2436273 A1 02085328 A2 1377273 A2 1475083 A1 2004531530 T PA03007141 A	05-09-2002 05-09-2002 31-10-2002 31-10-2002 07-01-2004 10-11-2004 14-10-2004 18-11-2003
DE 10306177	A1 02-09-2004	NONE		
US 3052608	A 04-09-1962	NONE		
DE 10103454	A1 01-08-2002	NONE		

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**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SPERNATH A ET AL: "Food grade Microemulsions based on nonionic emulsifiers: Media to enhance Lycopene Solubilization" JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 50, no. 23, 2002, pages 6917-6922, XP002249048 ISSN: 0021-8561 the whole document -----	1,2, 5-21,24
A	US 3 052 608 A (HIRSH JOSEPH J) 4 September 1962 (1962-09-04) column 1, lines 1-17 column 1, line 47 - line 51 column 2, line 26 - line 31 -----	1,2, 5-21,24
A	DE 101 03 454 A1 (AQUANOVA GETRAENKETECHNOLOGIE GMBH) 1 August 2002 (2002-08-01) column 1, paragraph 1 - column 2, paragraph 11 -----	1,2, 5-21,24